



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/731,486	12/10/2003	Masayoshi Kinoshita	P69348US0	5379

136 7590 06/05/2006

JACOBSON HOLMAN PLLC  
400 SEVENTH STREET N.W.  
SUITE 600  
WASHINGTON, DC 20004

EXAMINER
----------

PANNALA, SATHYANARAYA R

ART UNIT	PAPER NUMBER
----------	--------------

2164

DATE MAILED: 06/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/731,486

Applicant(s)

KINOSHITA ET AL.

Examiner

Sathyanarayan Pannala

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/25/2004</u> | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Application No. 10/731486 filed on 12/10/2003 has been examined. In this Office Action, claims 1-6 are pending.

#### ***Priority***

2. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The examiner has considered the certified copy of the Application Japan 2002-363564 dated 5/21/2003 for priority claiming.

#### ***Information Disclosure Statement***

3. The information disclosure statement (IDS) submitted on 2/25/2004 is in compliance with the provisions of 37 CFR 1.97 and have been considered by the examiner.

#### ***Drawings***

4. The drawings are objected to because Fig. 3-7 drawing have non-English characters. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure

number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### **Claim Rejections - 35 USC § 101**

5. 35 U.S.C. § 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

6. Claims 1-6 are rejected under 35 U.S.C. § 101, because claims are directed to program per se. Independent claims 1 and 5-6 are claiming a computer program per se and functional descriptive material consisting of data structures and computer programs, which impart functionality when employed as a computer component. As

such, the claims are not limited to statutory subject matter and are therefore non-statutory.

***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

8. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sun (USPA Pub. 2005/0154708 A1) hereinafter Sun, and in view of Park (USPA Pub. 2003/0187692 A1) hereinafter Park.

9. As per independent claim 1, Sun teaches a system for exchanging information between a first database and a second database (page 1, paragraph [0009]). Sun teaches the claimed, a step of receiving an input unconverted character string (Fig. 2, page 3, paragraph [0037]). Sun teaches the claimed, a step of receiving a conversion command for the unconverted character string (Fig. 2, page 3, paragraph [0037]). Sun teaches the claimed, a step of executing display for prompting selection of a plurality of conversion candidate databases constituted by pre-storing conversion candidate character strings in accordance with the conversion command (Fig. 2, page 3, paragraph [0038]). Sun teaches the claimed, a step of receiving a command for selecting a conversion candidate database, a step of referring to the conversion candidate database selected in accordance with the command for selecting the conversion candidate database to present a conversion candidate character string included in the conversion candidate database and a step of receiving a command for selecting a conversion candidate character string a step of supplying the conversion candidate character string selected in accordance with the command for selecting the conversion candidate character string to the other predetermined program (Fig. 3, page 3, paragraph [0039]). Sun does not explicitly teach dealing with candidate database. However, Park teaches the candidate or patient database (Fig. 1, page 2, paragraph [0024]). Thus, it would have been obvious to one of ordinary skill in the data processing art at the time of the invention, to have combined the teachings of the cited references because Park's teachings would have allowed Sun's method to provide a

guaranteed, mutual and effective medical treatment and remedy between patient, doctor and pharmacist can be implemented, if the execution is performed with computer type prescription, rapidity, accuracy and reliability of medication according to the result of treatment (page 1, paragraph [0004]).

10. As per dependent claim 2, Sun does not explicitly teach using a program for medical chart preparation. However, Park teaches the claimed, the other predetermined program is an electronic medical chart preparation program, and the plurality of conversion candidate databases include at least one selected from a disease name database, a disease name code database and a medicine name database (Fig. 1, 6, page 3, paragraph [0024-25 and 0061]). Thus, it would have been obvious to one of ordinary skill in the data processing art at the time of the invention, to have combined the teachings of the cited references because Park's teachings would have allowed Sun's method to provide a guaranteed, mutual and effective medical treatment and remedy between patient, doctor and pharmacist can be implemented, if the execution is performed with computer type prescription, rapidity, accuracy and reliability of medication according to the result of treatment (page 1, paragraph [0004]).

11. As per dependent claim 3, Sun teaches the claimed, processed cooperatively with an input method program constituted independently of the other predetermined program (Fig. 10, page 8, paragraph [0116]).

12. As per dependent claim 4, Sun teaches the claimed, processed cooperatively with an input method program constituted independently of the other predetermined program (Fig. 10, page 8, paragraph [0116]).

13. As per independent claim 6, Sun teaches a system for exchanging information between a first database and a second database (page 1, paragraph [0009]). Sun teaches the claimed, a memory section for storing a plurality of conversion candidate databases constituted by pre-storing conversion candidate character strings (Fig. 2, page 3, paragraph [0036]). Sun teaches the claimed, an information processing section connected to the memory section, an input section for receiving an operation from a user and a display section for presenting information to the user (Fig. 1, page 2, paragraph [0030-32]). Sun teaches the claimed, the apparatus having functions of executing display for prompting input of a command for selecting a conversion candidate database on a display section during execution of the other predetermined program in accordance with inputs of an unconverted character string and a conversion command, referring to the conversion candidate database selected in accordance with the input of the command for selecting the conversion candidate database to execute, on the display section, display for prompting input of a command for selecting a conversion candidate character string included in the conversion candidate database, and supplying the conversion candidate character string selected in accordance with the input of the command for selecting the conversion candidate



character string to the other predetermined program (page 1, paragraph [0037-39]).

Sun does not explicitly teach dealing with candidate database. However, Park teaches the candidate or patient database (Fig. 1, page 2, paragraph [0024]). Thus, it would have been obvious to one of ordinary skill in the data processing art at the time of the invention, to have combined the teachings of the cited references because Park's teachings would have allowed Sun's method to provide a guaranteed, mutual and effective medical treatment and remedy between patient, doctor and pharmacist can be implemented, if the execution is performed with computer type prescription, rapidity, accuracy and reliability of medication according to the result of treatment (page 1, paragraph [0004]).

14. As per independent claim 6, Sun teaches a system for exchanging information between a first database and a second database (page 1, paragraph [0009]). Sun teaches the claimed, a step of receiving an input unconverted character string (Fig. 2, page 3, paragraph [0037]). Sun teaches the claimed, a step of receiving a conversion command for the unconverted character string (Fig. 2, page 3, paragraph [0037]). Sun teaches the claimed, a step of executing display for prompting selection of a plurality of conversion candidate databases constituted by pre-storing conversion candidate character strings in accordance with the conversion command (Fig. 2, page 3, paragraph [0038]). Sun teaches the claimed, a step of receiving a command for selecting a conversion candidate database, a step of referring to the conversion candidate database selected in accordance with the command for selecting the

conversion candidate database to present a conversion candidate character string included in the conversion candidate database and a step of receiving a command for selecting a conversion candidate character string a step of supplying the conversion candidate character string selected in accordance with the command for selecting the conversion candidate character string to the other predetermined program (Fig. 3, page 3, paragraph [0039]). Sun does not explicitly teach dealing with candidate database. However, Park teaches the candidate or patient database (Fig. 1, page 2, paragraph [0024]). Thus, it would have been obvious to one of ordinary skill in the data processing art at the time of the invention, to have combined the teachings of the cited references because Park's teachings would have allowed Sun's method to provide a guaranteed, mutual and effective medical treatment and remedy between patient, doctor and pharmacist can be implemented, if the execution is performed with computer type prescription, rapidity, accuracy and reliability of medication according to the result of treatment (page 1, paragraph [0004]).


### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sathyanarayan Pannala whose telephone number is (571) 272-4115. The examiner can normally be reached on 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2164

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Sathyanarayan Pannala  
Examiner  
Art Unit 2164

srp  
May 29, 2006